| Ref<br># | Hits  | Search Query            | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|-------------------------|---|---------------------|---------|------------------|
| 13       | 22    | nonocomposite           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/05 10:32 |
| L2       | 27    | nanoclay near1 particle | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/05 10:45 |
| L3       | 78730 | platelet tactoid        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/05 10:11 |
| L4       | 393   | nanoclay                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/05 10:12 |
| L5       | 1     | 1 and 4                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/05 10:13 |
| L6       | 27    | 2 and 4                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR ·                | ON      | 2005/12/05 10:13 |
| L7       | 11    | 2 and 3                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/05 10:13 |
| L8       | 11    | 7 and polymer           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/05 10:14 |

| L9  | 5    | 8 and substrate                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 10:14 |
|-----|------|---|---|----|----|------------------|
| L10 | 7    | 8 and (substrate carrier board)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 10:32 |
| L11 | 0    | 1 and 2                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 10:19 |
| L12 | 0    | ("6890973").URPN.                       | USPAT   | OR | ON | 2005/12/05 10:20 |
| L13 | 1    | ("6410142").PN.                         | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/12/05 10:21 |
| L14 | 6    | ("6228471").URPN.                       | USPAT   | OR | ON | 2005/12/05 10:25 |
| L15 | 3298 | nanocomposite                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 10:32 |
| L16 | 136  | 15 and 4                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 10:32 |
| L17 | 86   | 16 and (substrate carrier board)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 10:52 |
| L18 | 19   | 17 and (conductive (metal near1 layer)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 10:34 |

| L19 | 1  | 18 and sandwich\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/12/05 10:34 |
|-----|----|--|---|------|----|------------------|
| L20 | 0  | ("6593688").URPN.  | USPAT   | OR   | ON | 2005/12/05 10:39 |
| L21 | 8  | ("4145480"   "5326692"  <br>"5593788"   "5653914"  <br>"5705888"   "5719467"  <br>"6146809"   "6274065").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR . | ON | 2005/12/05 10:39 |
| L22 | 17 | "3258387"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/12/05 16:15 |
| L23 | 0  | 2003/0030999   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/12/05 10:46 |
| L24 | 2  | "20030030999"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/12/05 12:34 |
| L25 | 2  | "20040025743"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/12/05 13:21 |
| L26 | 5  | "6653388"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/12/05 10:46 |
| L27 | 5  | "2005010209"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/12/05 10:46 |

| L28 | 31   | 22 23 24 25 26 27                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 10:46 |
|-----|------|---|---|----|----|------------------|
| L29 | 5    | 28 and (nanoparticle<br>nanocomposite nano)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 12:35 |
| L30 | 1719 | 15 and (substrate carrier board)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 10:53 |
| L31 | 740  | 30 and (conductive conducting conductor)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 10:55 |
| L32 | 61   | 31 and (nanoclay ((natural synthetic) near clay)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 16:30 |
| L33 | 60   | 32 and polymer                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 10:56 |
| L34 | 58   | 33 and ratio                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 10:57 |
| L35 | 0    | ("6924027").URPN.                                 | USPAT   | OR | ON | 2005/12/05 11:00 |
| L36 | 2    | ("5652290"   "6451422").PN.                       | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/12/05 11:00 |
| L37 | 145  | 31 and clay                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 12:15 |

| L38 | 1   | 37 and (solder near1 (resist mask))                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 12:03 |
|-----|-----|---|---|----|----|------------------|
| L39 | 6   | 31 and (solder near1 (resist mask))                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 12:13 |
| L40 | 0   | ("6919508").URPN.   | USPAT   | OR | ON | 2005/12/05 12:08 |
| L41 | 5   | ("6518090"   "6632028"  <br>"6657124"   "6753208"  <br>"6781244").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/12/05 12:08 |
| L42 | 195 | 31 and (resist mask)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 12:14 |
| L43 | 178 | 42 and polymer\$2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 12:14 |
| L44 | 50  | 43 and clay   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 12:15 |
| L45 | 51  | 43 and (nanoclay clay)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 12:15 |
| L46 | 0   | 24 and (nanoparticle<br>nanocomposite)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 12:35 |
| L47 | 0   | 24 and (nanoparticle nano<br>nanocomposite)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 12:35 |

| L48 | 0    | 25 and (nano nanoclay)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 13:21 |
|-----|------|---|---|----|----|------------------|
| L49 | 8275 | (nanoclay ((natural synthetic) near<br>clay)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 16:31 |
| L50 | 46   | nanoclay and (synthetic near clay)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 16:31 |
| L51 | 1    | nanoclay with (synthetic near clay)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 16:31 |
| L52 | 7    | nanoclay same (synthetic near<br>clay)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 16:31 |